

Title (en)
COMPOSITION CONTAINING NITROGEN HETEROCYCLIC HEXAPEPTIDE PRECURSOR AND PREPARATION METHOD AND APPLICATION THEREOF

Title (de)
ZUSAMMENSETZUNG MIT STICKSTOFFHALTIGEM HETEROCYCLISCHEM HEXAPEPTIDVORLÄUFER SOWIE HERSTELLUNGSVERFAHREN UND ANWENDUNG DAVON

Title (fr)
COMPOSITION CONTENANT UN PRÉCURSEUR HEXAPEPTIDIQUE HÉTÉROCYCLIQUE D'AZOTE ET PROCÉDÉ DE PRÉPARATION ET APPLICATION ASSOCIÉS

Publication
EP 3239165 A4 20180711 (EN)

Application
EP 15871972 A 20151224

Priority
• CN 201410840367 A 20141224
• CN 2015098740 W 20151224

Abstract (en)
[origin: EP3239165A1] Disclosed is a preparation method of a composition containing a nitrogen heterocyclic hexapeptide precursor, composition A and B containing a nitrogen heterocyclic hexapeptide precursor of a compound having formula I and formula II obtained by the method, and an application of the composition used for preparing a compound having formula III.

IPC 8 full level
C07K 1/30 (2006.01); **C07K 7/56** (2006.01)

CPC (source: CN EP KR US)
A61K 38/12 (2013.01 - EP US); **A61K 47/10** (2013.01 - US); **A61K 47/18** (2013.01 - US); **C07D 487/14** (2013.01 - EP US); **C07K 1/30** (2013.01 - EP KR US); **C07K 1/34** (2013.01 - US); **C07K 7/56** (2013.01 - CN EP KR US)

Citation (search report)
• [X] WO 9421677 A1 19940929 - MERCK & CO INC [US], et al
• [XA] WO 2009151341 A1 20091217 - AXELLIA PHARMACEUTICALS APS [DK], et al
• [XA] WO 2011102842 A1 20110825 - NUANCE COMMUNICATIONS INC [US], et al
• See references of WO 2016101904A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3239165 A1 20171101; **EP 3239165 A4 20180711**; **EP 3239165 B1 20191009**; CN 105481952 A 20160413; CN 105481952 B 20201229; CN 112110991 A 20201222; KR 102011855 B1 20190819; KR 20170120575 A 20171031; US 2017349627 A1 20171207; WO 2016101904 A1 20160630

DOCDB simple family (application)
EP 15871972 A 20151224; CN 2015098740 W 20151224; CN 201510859655 A 20151130; CN 202011003923 A 20151130; KR 20177020760 A 20151224; US 201515538905 A 20151224